

To: CN=Erin Foresman/OU=R9/O=USEPA/C=US@EPA[]
Cc: CN=Bruce Herbold/OU=R9/O=USEPA/C=US@EPA;CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Valentina Cabrera-Stagno/OU=R9/O=USEPA/C=US@EPA[]; N=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Valentina Cabrera-Stagno/OU=R9/O=USEPA/C=US@EPA[]; N=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Valentina Cabrera-Stagno/OU=R9/O=USEPA/C=US@EPA[]; N=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Valentina Cabrera-Stagno/OU=R9/O=USEPA/C=US@EPA[]; N=Valentina Cabrera-Stagno/OU=R9/O=USEPA/C=US@EPA[]
From: CN=Erin Foresman/OU=R9/O=USEPA/C=US
Sent: Thur 9/20/2012 7:26:14 PM
Subject: Re: DRAFT slides for 10/1 ppt
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Hi Everyone,

Jeffrey Shu just sent out CDFG's (late) written submission to State Board for the 10/1 workshop. It is attached. It looks like there is comfort with specific recommendations for pelagic habitat. Not as much for salmonids. The folks with reservations were the the salmonid scientists. Still, there are very specific 'concepts' wrt salmonids and Delta Cross Channel Gate closure. This is VERY different than the discussion from Alice and Kevin (CDFG) on Tuesday.

Some nice items from the letter are:

Delta smelt

At no time should Old and Middle River (OMR) flows be more negative than -5,000 cfs between December and February.

For critical and dry years, at no time should OMR flows be more negative than -1,500 cfs between March and June.

Provide low salinity habitat for delta smelt in Suisun Bay by maintaining X2 between 74 km and 81 km between September and November in wet and above normal years.

Longfin smelt

Provide low salinity habitat for longfin smelt in Suisun Bay (and farther downstream) by maintaining X2 between 64 km and 75 km between January and June.

Depending on year type, provide sufficient water flow to increase abundance of longfin smelt to pre-1987 abundance levels.

At no time should OMR flows be more negative than -5,000 cfs during the period between December and May.

During critical and dry years and when longfin Fall Midwater Trawl (FMWT) index is more than 500, OMR flows should be more positive than -1500 cfs during the period between April and May.

During critical and dry years and when longfin FMWT index is less than 500, OMR flows should be positive

during the period between April and May.

Starry flounder

Provide low salinity habitat for starry flounder in Suisun Bay (and farther downstream) by maintaining X2 between 64 km and 75 km between March and June.

Depending on year type, provide sufficient water flow to increase abundance of starry flounder to pre-1987 abundance levels.

American shad

Provide low salinity habitat for American shad in Suisun Bay (and farther downstream) by maintaining X2 between 64 km and 75 km between April and June.

Delta X Channel Gate -- Page 16 of attached document

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I work a part time schedule (M 7:30a - 4:00p, T - F 7:30 - 2:00p)

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Date: 09/20/2012 11:37 AM

Subject: DRAFT slides for 10/1 ppt

Hi All,

I attached a draft power point presentation based on our discussion yesterday.

I put Anke's charts and other slides Bruce provided first. A few things to note here:

I did not include the tables (from Grossinger Delta Eco-history thingy :) that Bruce sent me as slides because they are blurry and it seemed odd to me to put them up as slides. I had thought Bruce meant them as discussion points for us to talk over not necessarily as actual slides to be used in the presentation. Let me know if I interpreted wrong. If I did interpret wrong, can we find something else that is better for the slides?

There are five or six slides showing the Anke-generated graphs. I'm not certain of the take home points we want the Board to understand from looking at the graphs. I think they are 1) the 2006 WQCP spring time Delta outflow objective (and 1641) succeeded in restoring spring time variability (could we say natural hydrograph pattern??), 2)

the natural hydrograph pattern (or however I should say this) supported fish populations by reversing declines and increasing populations until ~ 2000 when fall pumping increased; 3) we can see fall variability has been severely reduced or the natural hydrograph pattern has been very altered; 4) now spring time protection is not enough and we need objectives to protect the fall hydrograph pattern too.

I think it is easier for the Board to digest if we show the charts and then put words on a slide with the take home messages. I think the take home messages will be lost without this.

Do we need all of these charts? The file is very large and we should be proportional in the slides we need to make each point we want to make.

The rest if the slides have the items we discussed yesterday on the phone. Please check these to see if you are comfortable with the way I presented things. I pretty much have nothing but words to put on slides. They better be good words :). Please look at the notes in these slides as well because they reflect my understanding or misunderstanding of our suggestions.

[attachment "DRAFT SWRCB_100112_WKRSHP2_Reg&FishAgencies.pptx" deleted by Erin Foresman/R9/USEPA/US]

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